

DEPARTMENT OF TRANSPORTATION**DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch

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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 50.15**SOURCE INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** SIR-001717**Date Inspected:** 25-Jan-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Jiangyin**Location:** Chang xing dao, Shanghai**Quality Control Contact:** Mr. Don walton**Quality Control Present:** Yes No**Material transfer:** Yes No N/A**Sampled Items:** Yes No N/A**Stock Transfer:** Yes No N/A**OK to Cut:** Yes No N/A**Rebar Test Witness:** Yes No N/A**Delayed/Cancelled:** Yes No N/A**Other:** Coating Inspection**Bridge No:** 34-0006**Component:** See below**Bid Item:** 77, 78, 79**Lot No:** B# 204**Summary of Items Observed:**

On this date Caltrans Office of Structural Materials (OSM) Quality Assurance (QA) NACE II coating inspector, Mr. Baskar Govindarajan arrived on site at the Zhenhua Port Machinery Company (ZPMC) facility at Changxing Island in Shanghai, China. The purpose of the coating inspections are to monitor the surface preparation and coating applications for the SAS Bay Bridge project. This QA NACE II coating inspector observed the following:

1. An inspection was requested for surface preparation inspection of 5BE, 5CE connection weld seam internal ceiling surface area at Trial assembly area, request no. 2566. This Caltrans inspector observed, ABF Inspector Mr. Wu performing Blasting inspection of the specified areas. Blasting profile found between 72 to 76 microns which is acceptable as per contract documents. The said surface was accepted for Interzinc 22 application after sand paper rubbing for minor Over blasting. Ambient conditions were monitored and found to be 7.6 deg. above dew point and the relative humidity found to be 43.6% inside the paint shop which is found to be within the parameters of contract documents. . International protective coating technical service representative Mr. Peng Zi li was in attendance during the inspection process.

2.An inspection was requested for OBG Segment 8BE for external surface adhesion test vide notification no. 2565. This Caltrans inspector observed, ABF Inspector Mr. Sun and Mr. Shi stone witnessing adhesion test performed by ZPMC QC personnels. This adhesion test was performed at 6 places and the results found to be above 4 MPA which is the minimum requirement as per the contract documents. Ambient conditions were monitored and found to be within the parameters of contract documents. International protective coating technical service representative Mr. Peng Zi li was in attendance during the inspection process.

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3. An inspection was requested on the Catway L splice, vide request no. 2567. This Caltrans QA inspector observed, ABF inspectors Mr. Jiang performing Primer application by Interzinc 22 which was accepted. Ambient conditions were monitored and found to be within the parameters of contract documents

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

No applicable conversations

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Mr. Skyler Guest (15000422360), who represents the Office of Structural Materials for your project.

Inspected By:	Baskar,Govindarajan	Quality Assurance Inspector
Reviewed By:	Clifford,William	QA Reviewer
